PRODUCT DATA SHEET

LTC36 PRO USB smart card reader

TRADEMARK:	C3PO S.A.
MODEL NAME:	LTC36 PRO USB
SHORT DESCRIPTION:	Black LTC36 Professional USB smart card and Spanish eID card reader
PART NUMBER P/N:	00LT36U01N00
EAN CODE:	8437006269377
URL:	https://www.c3po.es/ltc36.html

COMMERCIAL DESCRIPTION:

LTC36 PRO smart card readers are part of C3PO S.A.'s professional line. They are designed for intensive use without damage to the card. Moreover, they offer additional functionalities depending on the needs of particular institutions, public bodies or companies.

Durability, versatility and dependability

Our LTC36 PRO line of smart card readers has been designed especially for use in the fields of electronic signatures, identification and authentication. They are compatible with the Spanish eID card and with the most commonly-used smart cards on the market. They offer superlative performance and ease of use at a reduced price. They incorporate a long-life card counter that allows more than 150,000 card insertions, as well as a microprocessor with ample memory capacity, which can be used to expand the device's functionality. All these factors, backed C3PO S.A.'s knowledge and expertise, means LTC36 PRO smart card readers are durable, versatile and dependable, with the quality guarantee of technology that has been designed and manufactured in Spain.

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TECHNICAL SPECIFICATIONS:

PHYSICAL SPECIFICATIONS:

- Small and lightweight design for easy portability
- Flat base to fix it to other devices (keyboard, etc.)
- Lightweight PVC housing and shock resistant
- Optional product presentation and finishes for bulk purchases

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TECHNICAL SPECIFICATIONS:

- USB 2.0 smart card reader/writer
- Long-life card connector that allows more than 150,000 card insertions.
- Microprocessor with ample memory capacity, which can be used to expand the device's functionality according to the required specifications. Plug and Play installation for Windows OS and Mac OS X
- Firmware update in-site.
- It is configured around a CMO 8-bit microprocessor (CPU board).
- Three status LED: green, red and orange
- Power supply: via a USB cable (5V DC).
- It supports bit rates from 9,600 bps to 1,500,000 bps.
- It has been designed especially for use in the fields of electronic signatures, identification and authentication.

OPERATING SYSTEMS:

- PC Windows OS
- GNU/Linux OS, Mac OS X, and other UNIX systems with libccid support
- Other drivers on request

SUPPORTED CARDS:

- Spanish eID card
- T=0 and T=1 protocol microprocessor cards (EMV, cryptographic card, FNMT Ceres cryptographic smart card, StarCos, JavaCard...)
- S=8, S=9 and S=10 protocol memory cards (SLE5542 (C3P2K), SLE4442, SLE4432 y SLE4428)

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SUPPORTED SPECIFICATIONS:

- PC/SC (Personal Computer / Smart Card)
- ISO 7816 smart card standard
- CSP (Cryptographic Service Provider) and PKCS#11 API
- Spanish eID card API. Keyboard shortcuts to the following data in your Spanish eID card: name and surname, NIF (Spanish tax identification number), IDESP (abbreviation for Spanish Identity; smart card serial number) and issue date
- EMV Level 1
- USB CCID (Chip Card Interface Device)

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